SPI A-1 PLASTIC MOLD FINISH

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REVISION HISTORY: Rev A, 02-May-1985

1 PURPOSE

This plastic finish, formerly designated SPI/SPE #1, is used for molded in surfaces and would be specified only when an extra smooth *highly polished mirror finish* is required. It is normally used on optically clear components, or special optical devices and instruments.

2 TYPE

This A-1 mold finish is obtained by a grade #3 diamond buff and must match the standard supplied by the Society of Plastics Industry as a "Mold Finish Guide" in a plastic SPI A-1 finish which can be obtained through Digital.

3 APPEARANCE QUALITY

Unless otherwise specified, this finish shall meet a quality level of 1, as listed in *DEC STD 092-1 Finish and Color Standard Finish Standard for Applications.* Specific quality information shall be specified on the part drawing.

Note

This finish could vary with different mold steels or plastics and will only be used as a guide.

The SPI mold finish guide should be used for evaluating the surface finish, but not for the color match. The DEC standard color chip must be used to evaluate the color.

Standard color chips to be supplied by Digital.

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APPROVAL:

Dana DeBlois, Materials Research Laboratory

4 COLOR

As specified in the color field identifier of the specification number.

Approved materials and colors are listed in *DEC STD 092-7 Finish and Color Standard - Plastic Color Control and Material Identification.*

5 GLOSS

Unless otherwise specified, this plastic molded finish, unpainted and/or unplated, shall have a visual high gloss appearance, and should visually match the SPI A-1 Mold Finish Guide supplied through Digital.

6 ADDITIONAL COATINGS

Unless otherwise specified, no coating will be applied over this finish.

Note

Requesting a mold vendor to obtain this type finish is a costly expenditure and should only be called out when absolutely necessary.